

## ABSTRACT

The present invention is directed to a data recordable optical disc (2), wherein buffer areas for random access (Data Run-in DRi, Data Run-out DRo) for random access are respectively disposed before and after respective blocks (BLK, BLK1, BLK2), whereby when recording of new block is started, the block is recorded in the state where respective buffer areas overlap with each other with respect to new block and existing block so that no gap takes place. Signal patterns for Phase Locked Loop (PLL) at the time of data reproduction, Auto Gain Control (AGC), and automatic adjustment of light source power, synchronization pattern, and/or signal patterns used for generation of reproduction clock, and detection of block reproduction end, etc. are recorded within the buffer area.